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24 January 2002For two-letter codes and other abbreviations, refer to the "Guid-  
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ning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR FORMING CENTIPEDE POLYMER GELS

(57) Abstract: A process that enables the formation of a high damping, soft polymer gel includes reacting a maleimide copolymer with a maleated polyalkylene and an alkyl diamine under substantially dry conditions sufficient to form a polyalkylene-grafted maleimide copolymer product which then is dispersed with an extender sufficient to form the gel. The steps can be carried out sequentially in a high shear mixer without the need for intermediate steps of cooling and grinding the reaction product of one step before proceeding to the next.

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## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 01/09313

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C08F8/32 C08G81/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C08G C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 905 116 A (X. WANG) 18 May 1999 (1999-05-18) column 3, line 6 - line 22 column 3, line 26 - line 61 column 5, line 54 -column 6, line 5 column 6, line 45 -column 7, line 3 column 7, line 16 - line 38 column 8, line 21 - line 55 column 9, line 27 -column 10, line 13 column 11, line 5 -column 13, line 15; claims 1-23  --- -/--	1-13

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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\*&amp;\* document member of the same patent family

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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